

CLAIMS

1. Hair-treatment agent containing
 - (A) at least one acid-groups-containing polymeric gel former,
 - (B) water glass,
 - (C) at least one hair-fixing polymer and
 - (D) water,said hair-treatment agent being in the form of a thickened preparation.
2. Agent as defined in claim 1, characterized in that the polymeric gel former (A) is present in an amount from 0.01 to 10 wt.% and the hair-fixing polymer (C) in an amount from 0.1 to 20 wt.% and that the water content is at least 50 wt. %.
3. Agent as defined in one of the preceding claims, characterized in that the polymeric gel former is a crosslinked or noncrosslinked synthetic polymer and is derived from at least one kind of monomer selected from among acrylic acid, methacrylic acid, itaconic acid monoesters, acrylamidoalkylsulfonic acids and/or methacrylamidoalkylsulfonic acids or that the polymeric gel former (A) is an acid-groups-containing polymer of natural origin.
4. Agent as defined in one of the preceding claims, characterized in that the hair-fixing polymer (C) is selected from among polyvinylpyrrolidone, polyvinylcaprolactam, polyacrylamide, vinylpyrrolidone/vinyl acetate copolymer, crosslinked or noncrosslinked vinyl acetate/crotonic acid copolymers, terpolymers of vinylpyrrolidone, vinyl acetate and vinylalkanoate, terpolymers of vinyl acetate, crotonate and vinylalkanoate, partly esterified copolymers of vinyl methyl ether and maleic anhydride, copolymers of acrylic acid and/or methacrylic acid and alkyl acrylates, alkyl methacrylates, N-alkylacrylamides, N-alkylmethacrylamides and/or polystyrenesulfonates, copolymers of alkylacrylamide, alkylaminoalkyl methacrylate and two or more monomers selected from among acrylic acid, methacrylic acid or the C₁- to C₄-alkyl esters thereof, with at least one of the monomers having an acid group; copolymers of acrylic acid, methacrylate and methacrylamidopropyltrimethylammonium chloride, copolymers of acrylamidopropyltrimethylammonium chloride and acrylates, copolymers of acrylamide, acrylamidopropyltrimethylammonium chloride, 2-amidopropylacrylamide sulfonate and dimethylaminopropylamine, copolymers of methacryloylbetaine and two or more monomers selected from among acrylic acid or the simple esters thereof, methylvinylimidazolium chloride/vinylpyrrolidone copolymer, polyvinylpyrrolidone/dialkylaminoalkyl methacrylate copolymers, quaternized vinylpyrrolidone/dialkylaminoalkyl methacrylate copolymer, homopolymers of dimethyldiallylammonium chloride, copolymers of dimethyldiallylammonium chloride and at least one other monomer, quaternized hydroxyethylcellulose or quaternized guar derivatives, terpolymers of vinylpyrrolidone, vinylcaprolactam and a basic acrylamide monomer of methacrylamide monomer and vinylpyrrolidone/methacrylamidoalkyltrimethylammonium chloride copolymers.

5. Agent as defined in one of the preceding claims, characterized in that additionally it contains at least one alcohol selected from among monohydric alcohols with 1 to 4 carbon atoms and polyhydric alcohols with 2 to 6 carbon atoms.
6. Agent as defined in one of the preceding claims, characterized in that it has a pH from 5 to 8.5.
7. Agent as defined in one of the preceding claims, characterized in that it contains at least one other neutralizing agent besides water glass.
8. Agent as defined in one of the preceding claims, characterized in that the polymeric gel former (A) is selected from among crosslinked or noncrosslinked synthetic homopolymers of acrylic acid, and the hair-fixing polymer is selected from among the homopolymers of vinyl-lactam, copolymers of vinyl lactam and at least one other monomer and copolymers of a crotonate and at least one other monomer.
9. Agent as defined in one of claims 1 to 7, characterized in that the polymeric gel former (A) is selected from among synthetic polymers of an itaconic acid ester and at least one other monomer, and the hair-fixing polymer (C) is selected from among the homopolymers of a vinyl lactam and copolymers of a vinyl lactam and at least one other monomer.
10. Agent as defined in one of the preceding claims for simultaneously fixing and temporarily coloring hair, characterized in that additionally it contains hair-coloring pigments.
11. Agent as defined in claim 10, characterized in that it contains the pigments in an amount from 0.01 to 25 wt.% and that the pigments are selected from among metal oxides, ultramarine, luster-imparting pigments, metal-effect pigments, nacreous luster-imparting pigments, fluorescent pigments, phosphorescent pigments, metal hydroxides, metal oxide hydrates, mixed-phase pigments, sulfur-containing silicates, metal sulfides, complex metal cyanides, metal sulfates, metal chromates, metal molybdates, bronze pigments, carmine, mica-based pigments coated with a metal oxide or a metal oxychloride or optionally with other color-imparting substances such as iron oxides, Prussian blue, ultramarine, carmine etc and/or the color of which is set by varying the coating thickness.